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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/650,507
Filing Date	August 27, 2003
First Named Inventor	Bernard Bihain
Art Unit	1646
Examiner Name	Not Yet Known
Attorney Docket Number	G-029US05DIV

Sheet

1

of

6

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EOH	U1	US-5,635,373	06-03-1997	Wozney <i>et al.</i>	All
↓	U2	US-6,126,939	10-03-2000	Eisenbach-Schwartz <i>et al.</i>	All
↓	U3	US-5,270,170	12-14-1993	Schatz <i>et al.</i>	All
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
EOH	F1	WO 96/30400 A1	10-03-1996	Tanox Biosystems, Inc.	All	
	F2	WO 97/27286 A1	07-31-1997	Progenitor, Inc.	All	
	F3	WO 96/34981 A2	11-07-1996	Genset	All	
	F4	WO 96/39429 A2	12-12-1996	Whitehead Institute for Biomedical Research	All	
	F5	WO 98/01257 A2	01-15-1998	Van Den Bulcke	All	
↓	F6	WO 98/20165 A2	05-14-1998	Whitehead Institute for Biomedical Research	All	
	F7					

Examiner  
Signature

/Eileen O'Hara/

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Considered

08/02/2006

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EOH	R1	ALEXEEV and YOON "Stable and inheritable changes in genotype and phenotype of albino melanocytes induced by an RNA-DNA oligonucleotide," <i>Nature Biotech.</i> (1998), Volume 16, pages 1343-1346.			
	R2	AUSTIN, <i>et al.</i> "Hypertriglyceridemia as a Cardiovascular Risk Factor," <i>Am. J. Cardiol.</i> (1998), Volume 81, pages 7B-12B.			
	R3	BALDO, <i>et al.</i> "The Adipsin-Acylation Stimulating Protein System and Regulation of Intracellular Triglyceride Synthesis," <i>J. Clin. Invest.</i> (1993), Volume 92, pages 1543-1547.			
	R4	BARTLES, J.R., <i>et al.</i> "Biogenesis of the Rat Hepatocyte Plasma Membrane," <i>Methods Enzymol.</i> (1990), Volume 191, pages 825-841.			
	R5	BIHAIN, <i>et al.</i> "Characterization and purification of the lipolysis-stimulated receptor," INSERM U391, Universite de Rennes.			
	R6	BIHAIN, <i>et al.</i> "Free Fatty Acids Activate a High Affinity Saturable Pathway for Degradation of Low-Density Lipoproteins in Fibroblasts from a Subject Homozygous for Familial Hypercholesterolemia," <i>Biochemistry</i> (1992), Volume 31, number 19, pages 4628-4636.			
	R7	BRENDDEL, V. <i>et al.</i> "Methods and algorithms for statistical analysis of protein sequences," <i>Proc. Natl. Acad. Sci. USA</i> (1992), Volume 89, pages 2002-2006.			
	R8	CHEN, W.J. <i>et al.</i> "NPXY, a sequence often found in cytoplasmic tails, is required for coated pit-mediated internalization of the low density lipoprotein receptor," <i>J. Biol. Chem.</i> (1990), Volume 265, pages 3116-3123.			
	R9	COLE-STRAUSS <i>et al.</i> "Correction of the Mutation Responsible for Sickle Cell Anemia by an RNA-DNA Oligonucleotide," <i>Science</i> (1996), Volume 273, pages 1386-1389.			
	R10	DAVIS, C.G. <i>et al.</i> "The J.D. Mutation in Familial Hypercholesterolemia: Amino Acid Substitution in Cytoplasmic Domain Impedes Internalization of LDL Receptors," <i>Cell</i> (1986), Volume 45, pages 15-24.			
	R11	DIETRICH, J. <i>et al.</i> "CD3 $\gamma$ Contains a Phosphoserine-Dependent Di-Leucine Motif Involved In Down-Regulation of the T Cell Receptor," <i>EMBO Journal</i> (1994), Volume 13, pages 2156-2166.			
	R12	EVERHART, J.E. "Weight Change and Obesity After Liver Transplantation: Incidence and Risk Factors," <i>Liver Transpl. Surg.</i> (1998), Volume 4, pages 285-296.			
✓	R13	FEEMAN, JR., W.E. "Hypertriglyceridemia and Atherosclerosis," <i>Annals of Internal Med.</i> (1998), Volume 128, number 1, pages 73-74.			

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EOH	R14	GHEBREHIWET, <i>et al.</i> "Isolation, cDNA Cloning, and Overexpression of a 33-kD Cell Surface Glycoprotein that Binds to the Globular "Heads" of C1q," <i>J. Exp. Med.</i> (1994), Volume 179, number 6, pages 1809-1821.			
	R15	GOLDSTEIN, J.L., <i>et al.</i> "Familial Hypercholesterolemia," in <u>The Metabolic and Molecular Bases of Inherited Disease</u> (Volume II, 7 <sup>th</sup> ed., Scriver, C.R., Beaudet, A.L., Sly, W.S., Valle, B. editors, 1995), pages 1981-2030; McGraw-Hill; New York, New York, USA.			
	R16	GOLDSTEIN, <i>et al.</i> "Hyperlipidemia in Coronary Heart Disease," <i>J. Clin. Invest.</i> (1973), Volume 52, pages 1533-1543.			
	R17	GURA, <i>et al.</i> "Obesity Sheds Its Secrets," <i>Science</i> (1997), Volume 275, pages 751-753.			
	R18	HAYWARD, <i>et al.</i> "The cDNA Sequence of Human Endothelial Cell Multimerin," <i>J. Biol. Chem.</i> (1995), Volume 270, pages 18246-18251.			
	R19	HENRION, <i>et al.</i> "Structure, Sequence and Chromosomal Location of the Gene for USF2 Transcription Factors in Mouse," <i>Genomics</i> (1995), Volume 25, pages 36-43.			
	R20	HERZ, J., <i>et al.</i> "Surface Location and High Affinity for Calcium of a 500-kd liver Membrane Protein Closely Related to the LDL-receptor Suggest a Physiological Role as Lipoprotein Receptor," <i>European Molecular Biology Laboratory</i> (1988), Volume 7, pages 4119-4127.			
	R21	HONORE, B., <i>et al.</i> "Cloning and Expression of a cDNA Covering the Complete Coding Region of the P32 subunit of Human pre-mRNA Splicing Factor SF2," <i>Gene</i> (1993), Volume 134, pages 283-287.			
	R22	HU, E., <i>et al.</i> "AdipoQ is a Novel Adipose-specific Gene Dysregulated in Obesity," <i>J. Biol. Chem.</i> (1996), Volume 271, number 18, pages 10697-10703.			
	R23	HUETTINGER, M., <i>et al.</i> "Charecteristics of Chylomicron Remnant Uptake into Rat Liver," <i>Clin. Biochem.</i> (1988), Volume 21, pages 87-92.			
	R24	KARPE, F., <i>et al.</i> "Clearance of Lipoprotein Remnant Particles in Adipose Tissue and Muscle in Humans," <i>J. Lipid, Res.</i> (1997), Volume 38, pages 2335-2343.			
	R25	KARPE, F., <i>et al.</i> "Magnitude of Alimentary Lipemia is Related to Intima-media Thickness of the Common Carotid Artery in Middle-aged Men," <i>Elsevier Science Ireland</i> (1998), Volume 141, pages 307-314.			
↓	R26	KRAINER, A.R., <i>et al.</i> "Functional Expression of Cloned Human Splicing Factor SF2: Homology to RNA-Binding Proteins, U1 70K, and Drosophila Splicing Regulators," <i>Cell</i> (1991), Volume 66, pages 383-394.			

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EOH	R27	LEE, M. G-S., et al. "Charecterization of a cDNA Encoding a Cysteine-Rich Cell Surface Protein Located in the Flagellar Pocket of the Protozoan <i>Trypanosoma brucei</i> ," <i>Molec. Cell. Biol.</i> (1990), Volume 10, pages 4506-4517.	
	R28	LETOURNEUR, F., et al. "A Novel Di-Leucine Motif and a Tyrosine-Based Motif Independently Mediate Lysosomal Targeting and Endocytosis of CD3 Chains," <i>Cell</i> (1992), Volume 69, pages 1143-1157.	
	R29	LEWIS, G.F., et al. "Postprandial Lipoprotein Metabolism in Normal and Obese Subjects: Comparison after the Vitamin A Fat-Loading Test," <i>J. of Clinic. Endo.</i> (1990), Volume 71, pages 1041-1050.	
	R30	LIN, et al. "Archaic Structure of the Gene Encoding Transcription Factor USF," <i>Journal of Biological Chemistry</i> (1994), Volume 269, number 19, pages 23894-28903.	
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	R32	MAEDA, et al. "cDNA Cloning and Expression of a Novel Adipose Specific Collagen-like Factor, apM1 (Adipose Most Abundant Gene Transcript 1)," <i>Biochem. And Biophys. Research Comm.</i> (1996), Volume 221, pages 286-289.	
	R33	MAHLEY, R.W., et al. "Type III Hyperlipoproteinemia (Dysbetalipoproteinemia): The Role of Apolipoprotein E in Normal and Abnormal Lipoprotein Metabolism," in <i>The Molecular Basis of Inherited Disease</i> (1995), pages 1953-1980; Scriver CR, Beaudet, A.L., Sly, W.S., Valle, D., editors; McGraw-Hill; New York.	
	R34	MANN, et al. "Mechanism of Activation and Functional Significance of the Lipolysis-Stimulated Receptor. Evidence for Role as Chylomicron Remnant Receptor," <i>Biochemistry</i> (1995), Volume 34, number 33, pages 10421-10431.	
	R35	MASSIE, et al. "Inducible Overexpression of a Toxic Protein by an Andenovirus Vector with a Tetracycline-Regulatable Expression Cassette," <i>Journal of Virology</i> (1998), Volume 72, pages 2289-2296.	
	R36	MONTAGUE, et al. "Congenial Leptin Deficiency is Associated with Severe Early-onset Obesity In Humans," <i>Nature</i> (1997), Volume 387, pages 903-908.	
	R37	PARRA-LOPEZ, C.A., et al. "Presentation on Class II MHC Molecules of Endogenous Lysozyme Targeted to the Endocytic Pathway," <i>J. Immunol.</i> (1997), Volume 158, pages 2670-2679.	
	R38	PENGUE, G., et al. "Repression of Transcriptional Activity at a Distance by the Evolutionary Conserved KRAB Domain Present In a Subfamily of Zinc Finger Proteins," <i>Nucleic Acids Research</i> (1994), Volume 22, number 15, pages 2908-2914.	
✓	R39	RAJPUT-WILLIAMS,J., et al. "Variation of Apolipoprotein-B Gene is Associated with Obesity, High Blood Cholesterol Levels, and Increased Risk of Coronary Heart Disease," <i>The Lancet</i> (1988), pages 1442-1446.	

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EOH	R40	RUTHERFORD, S., et al. "Association of a Low Density Lipoprotein Receptor Micro-satellite Variant with Obesity," <i>Intl. J. of Obesity</i> (1997), Volume 21, pages 1032-1037.	
	R41	SCHAFFLER, et al. "Identification and Characterization of the Human Adipocyte apM-1 Promoter," <i>Biochem. and Biophys. Res. Comm.</i> (1998), Volume 1399, pages 187-189.	
	R42	SCHERER, et al. "A novel Serum Protein Similar to C1q, Produced Exclusively in Adipocytes," <i>J. Biol. Chem.</i> (1995), Volume 270, pages 26746-26749.	
	R43	SELLAR, et al. "Characterization and Organization of the Genes Encoding the A-, B-, and C-chains of human complement subcomponent C1q," <i>Biochemical Journal</i> (1991), Volume 274, pages 481-490.	
	R44	SHIMABUKURO, M., et al. "Direct Antidiabetic Effect of Leptin Through Triglyceride Depletion of Tissues," <i>Proc. Natl. Acad. Sci. USA</i> (1997), Volume 94, pages 4637-4641.	
	R45	SHIMANO, H., et al. "Overproduction of Cholesterol and Fatty Acids Causes Massive-Liver Enlargement in Transgenic Mice Expression Truncated SREBP-1a," <i>J. Clin. Invest.</i> (1996), Volume 98, pages 1575-1584.	
	R46	SHIN, J., et al. "Phosphorylation-dependent Down-modulation of CD4 Requires a Specific Structure within the Cytoplasmic Domain of CD4," <i>J. of Biol. Chem.</i> (1991), Volume 266, pages 10658-10665.	
	R47	SIMOS, G., et al. "The lamin B Receptor-associated Protein p34 Shares Sequence Homology and Antigenetic Determinants with the Splicing Factor 2-associated with Protein p32," <i>FEBS Letters</i> (1994), Volume 346, pages 225-228.	
	R48	STEINGRIMSSON, et al. "Murine Chromosomal Location of Five bHLH-Zip Transcription Factor Genes," <i>Genomics</i> (1995), Volume 28, pages 179-183.	
	R49	TROUSSARD, et al. "Inhibitory Effect on the Lipolysis-stimulated Receptor of the 39-kDa Receptor-associated Protein," <i>Journal of Biological Chemistry</i> (1995), Volume 270, number 29, pages 17068-17071.	
	R50	URADE, Y., et al. "Precerebellin is a cerebellum-specific protein with similarity to the globular domain of complement C1q B chain," <i>Proc. Natl. Sci. USA</i> (1991), Volume 88, pages 1069-1073.	
	R51	VAN DEN BERG, R.H., et al. "Intracellular Localization of the Human Receptor for the Globular Domains of C1q," <i>American Association of Immunologists</i> (1997), Volume 158, pages 3909-3916.	
✓	R52	VERHEY, K.J., et al. "A Leu-Leu Sequence is Essential for COOH-terminal Targeting Signal of GLUT4 Glucose Transporter in Fibroblasts," <i>J. Biol. Chem.</i> (1994), Volume 269, pages 2353-2356.	

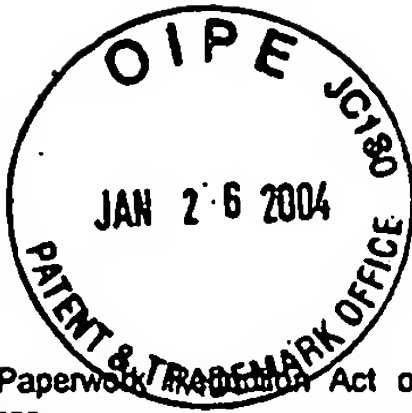
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EOH	R53	WANG, <i>et al.</i> "Upstream Stimulatory Factor Binding to the E-box at -65 is required for Insulin Regulation of the Fatty Acid Synthase Promoter," <i>J. Biol. Chem.</i> (1997), Volume 272, pages 26367-26374.	
	R54	YEN, <i>et al.</i> "Identification of a Lipolysis-Stimulated Receptor That is Distinct from the LDL Receptor and the LDL Receptor Related Protein," <i>Biochemistry</i> (1994), Volume 33, number 5, pages 1172-1180.	
	R55	ZHANG, M., <i>et al.</i> "Tumor Necrosis Factor," in <i>The Cytokine Handbook</i> (3 <sup>rd</sup> ed., 1998), pages 517-548.	
	R56	ZHONG, G., <i>et al.</i> "Related Leucine-based Cytoplasmic Targeting Signals in Invariant Chain and Major Histocompatibility Complex Class II Molecules Control Endocytic Presentation of Distinct Determinants in a Single Protein," <i>J. Exp. Med.</i> (1997), Volume 185, pages 429-438.	
	R57	DATABASE EMBL, Entry MM49507, Accession No. U49507, May 20, 1996.	
	R58	DATABASE SPTREMBL_17, Accession No. Q61148, November 1, 1996.	
	R59	DATABASE EMBL, Q61127, Accession No. Q61148, November 1, 1996.	
	R60	DATABASE EMBL, Entry HSUSF2, Y07661, January 24, 1997.	
	R61	DATABASE EMBL, Entry HSAD684, AD000684, March 26, 1997.	
	R62	DATABASE EMBL, Entry HSAC2128, AC002128, May 28, 1997.	
	R63	DATABASE EMBL, Entry 000112, 0001127, July 1, 1997.	
	R64	DATABASE EMBL, Entry 000426, 000426, July 1, 1997.	
	R65	DATABASE SPTREMBL_17, Accession No. O00426, July 1, 1997.	
	R66	DATABASE SPTREMBL_17, Accession No. O00112, July 1, 1997.	
✓	R67	MANN, <i>et al.</i> Abstract: "ApoC111 Inhibits the Binding of Triglyceride-Rich Lipoproteins to the Lipolysis Stimulated Receptor," <i>Circulation</i> (1996), Volume 94, number 8, supp.I-698.	

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/650,507
				Filing Date	August 27, 2003
				First Named Inventor	Bernard Bihain
				Art Unit	1646
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	G-029US05DIV

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EOH	U1	US-6,579,852	07-11-2002	Fruebis et al.	All
	U2	US-2003-0100500	05-29-2003	Fruebis et al.	All
	U3	US-2004-0067881	04-08-2004	Fruebis et al.	All
	U4	US-6,344,441	02-05-2002	Bihain et al.	All
	U5	US-2002-165154	11-07-2002	Bihain et al.	All
	U6	USSN- 10/072,159	02-05-2002	Bihain et al.	All
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
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